

C.1 SMALL PROJECT DRAINAGE REVIEW REQUIREMENTS

Small Project Drainage Review is required for any proposed *single family residential project* or *agricultural project* that results in 2,000 square feet or more of *new impervious surface* or 35,000 square feet or more of *new pervious surface*, and meets one of the following criteria:

- The project will result in no more than 10,000 square feet of **total impervious surface** added on or after January 8, 2001 (the effective date of the Endangered Species Act “take prohibition” issued by the Federal government to protect Puget Sound Chinook Salmon) and no more than 35,000 square feet of *new pervious surface* (for *sites* zoned as RA, F, or A, this *new pervious surface* threshold may be increased to 70,000 square feet or 35% of the *site*, whichever is greater), OR
- The project will result in no more than 4% **total impervious surface** and 15% *new pervious surface* on a single parcel *site* zoned as RA or F, or on a single or multiple parcel *site* zoned as A, AND all impervious surface area, except 10,000 square feet of it, will be set back from its natural location of discharge from the *site* at least 100 feet for every 10,000 square feet of **total impervious area**.

Note: for the purposes applying this threshold to a proposed single family residential subdivision (i.e., plat or short plat project), the impervious surface coverage assumed on each created lot shall be 4,000 square feet (8,000 square feet if the site is zoned as RA) or the maximum allowed by KCC 21A.12.030, whichever is less. A lower impervious surface coverage may be assumed for any lot in which the lower impervious surface coverage is set as the maximum through a declaration of covenant recorded for the lot. Also, the new pervious surface assumed on each created lot shall be the entire lot area, except the assumed impervious portion and any portion in which native conditions are preserved by a clearing limit per KCC 16.82, a covenant or easement recorded for the lot, or a tract dedicated by the proposed subdivision.

All projects subject to Small Project Drainage Review must comply with the following two basic mitigation requirements in this appendix:

1. Apply **flow control BMPs** to developed surfaces as directed in Section C.1.3 (p. C-13), and
2. Apply **erosion and sediment control (ESC) measures** to disturbed areas during construction as directed in Section C.1.4 (p. C-20).

To show how these requirements will be met, project applicants must submit drainage plans and supporting documentation as directed in Section C.1.5 (p. C-21).

In addition, some small projects may have *site-specific* or project-specific drainage concerns or requirements that must be addressed by a *civil engineer* or County engineering review staff. Examples include the presence of flood, erosion, or landslide hazards on or near the *site*, safe conveyance of stormwater through the *site*, and application of special drainage requirements. The County will identify any such issues during Small Project Drainage Review and will require a separate **Targeted Drainage Review** in addition to Small Project Drainage Review to address them (see Section C.1.2, p. C-9). This may require the additional submittal of *site* information, reports, and/or engineering plans signed and stamped by a *civil engineer*. For more information on how Targeted Drainage Review relates to Small Project Drainage Review, see Reference Section C.5.1 (p. C-101).

Use Section C.1.1 (below) to determine the scope of requirements, if any, that must be addressed by a *civil engineer* and/or County engineering review staff under Targeted Drainage Review, and learn where to look to determine the scope of requirements for application of flow control BMPs and ESC measures and submittal of information necessary for Small Project Drainage Review.

C.1.1 PROCEDURE FOR DETERMINING REQUIREMENTS

The following questionnaire/flow chart (Table C.1.1.A) is intended to be a guide for determining the scope of requirements that will apply to a project in Small Project Drainage Review, and Targeted Drainage Review if applicable. It will refer or direct you to more specific information on the application of requirements found in subsequent subsections, and in some cases, King County Code.

TABLE C.1.1.A QUESTIONNAIRE/FLOW CHART FOR DETERMINING REQUIREMENTS			
No.	Question	If YES	If NO
1.	Is the proposed project subject to drainage review as determined by consulting <i>DDES</i> ² or Section 1.1.1 of the <i>SWDM</i> .	Go to the next question.	The project does not need to meet the requirements of the <i>SWDM</i> or this appendix.
2.	Is the project subject to Small Project Drainage Review as determined in Section C.1 (p. C-5) and confirmed with <i>DDES</i> ?	Step through the following questions to (1) determine the scope of requirements, if any, that must be addressed by a civil engineer and/or <i>DDES</i> under Targeted Drainage Review, and (2) learn where to look to determine the scope of requirements for application of flow control BMPs and ESC measures and submittal of information necessary for Small Project Drainage Review.	Full Drainage Review, Targeted Drainage Review, or Large Project Drainage Review is required as specified in the <i>SWDM</i> , and engineering plans signed and stamped by a civil engineer must be submitted to <i>DDES</i> . Use the <i>SWDM</i> and not this appendix to determine drainage review requirements.
3.	Does the site contain or is it adjacent to a flood hazard area as determined by <i>DDES</i> through a "critical area review" per KCC 21A.24.100?	A notice on title will be required as specified in KCC 21A.24.170 and associated public rule, and any proposed structures or substantial improvements within the 100-year floodplain will require a FEMA Elevation Certificate completed by a civil engineer or land surveyor per KCC 21A.24.270. See Section C.1.2.1 (p. C-10) for further details. Go to the next question.	Skip to Question 7 (p. C-8).

² *DDES* means the King County Department of Development and Environmental Services, which is the department responsible for conducting drainage review of proposed projects that are subject to a King County development permit or approval. Applicants for a permit or approval should contact *DDES* permit review staff prior to submittal to determine/confirm that drainage review is required, and if so, what type of drainage review is appropriate. Applicants may also arrange a predesign meeting with *DDES* permit review staff to confirm the type of drainage review and scope of drainage requirements that apply to the proposed project.